

METHOD OF MAKING A MULTI-WELL TEST PLATE HAVING ADHESIVELY SECURED TRANSPARENT BOTTOM PANEL

Abstract of the Disclosure

A method of making a multi-well test plate including an upper frame portion and a glass panel secured to a lower side of the upper frame portion with a layer of light-curable adhesive. The upper frame portion includes a plurality of walls defining adjacent wells for receiving assay samples. The adhesive has various properties, such as high viscosity, thixotropicity, transparency, water insolubility, non-autofluorescence, and non-toxicity, as well as others that are advantageous when constructing and using the multi-well test plate. The adhesive is preferably applied by a screen transfer process that takes advantage of the adhesive properties.

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